

## MAP EXPLANATION

### EXPLANATION

(See accompanying text for complete descriptions)

Qaf	Artificial fill.
Qd	Dos Palos alluvium (early Holocene to modern)
	Divided into:
Qd <sub>t</sub>	Fine- to coarse-grained, arkosic, terrace levee, point bar and abandoned channel deposits along the San Joaquin River and associated sloughs of Sierra Nevada provenance.
Qd <sub>c</sub>	Coarse-grained, arkosic, channel deposits along the San Joaquin River and associated sloughs of Sierra Nevada provenance.
Qd <sub>b</sub>	Fine-to-coarse grained, arkosic overbank deposits on the floodbasin of the San Joaquin River and associated sloughs
Qd <sub>l</sub>	Areas of active lake, pond, and marsh deposition.
Qd <sub>e</sub>	Areas of active eolian deposition or wind reworking of arkosic floodbasin deposits.
Qdm <sub>b</sub>	Dos Palos alluvium and Modesto Formation (Marchand and Allwardt, 1981) floodbasin deposits undifferentiated (late Pleistocene to early Holocene)
	Patterson alluvium (early Holocene to modern)
	Divided into:
Qp	Coarse-grained terrace and upper-fan deposits of Coast Range provenance.
Qp <sub>c</sub>	Coarse-grained stream channel deposits of Coast Range provenance.
Qp <sub>m</sub>	Coarse to fine-grained mudflow deposits of Coast Range provenance.
Qp <sub>f</sub>	Fine-grained middle and lower-fan deposits of Coast Range provenance.
Qps	Patterson and San Luis Ranch alluvium undifferentiated (early Holocene).
Qs	San Luis Ranch alluvium (late Pleistocene and early Holocene)
	Upper member. Divided into:
Qsu	Principally coarse-grained terrace and upper-fan deposits of Coast Range provenance.
Qsu <sub>m</sub>	Coarse to fine-grained mudflow deposits of Coast Range provenance.
Qsu <sub>f</sub>	Fine-grained middle and lower-fan and floodplain deposits of Coast Range provenance.
Qsu <sub>c</sub>	Fine to coarse-grained colluvial deposits of Coast Range provenance.
	Lower member. Divided into:
Qsl	Principally coarse-grained terrace and upper-fan deposits of Coast Range provenance.
Qsl <sub>m</sub>	Fine- to coarse-grained mudflow deposits of Coast Range provenance.
Qsl <sub>l</sub>	Fine-grained middle and lower-fan deposits of Coast Range provenance.
Qsl <sub>c</sub>	Fine-to-coarse grained colluvial deposits of Coast Range provenance.

### LINEAR AND PLANAR FEATURES

#### Contacts

—————	Well constrained by field evidence.
— — — — —	Poorly constrained due to inadequate field exposure or subsequent modification by agricultural practices.
.....	Approximately located due to gradational contact or concealed field exposure.

#### Faults and Lineaments:

—————	Fault, accurately located with geomorphic or geologic evidence of Quaternary displacement. Relative or apparent offset is noted.
— — — — —	Fault trace poorly constrained; approximately located; probable Quaternary displacement.
.....	Fault trace concealed by surficial cover or geologic evidence of Quaternary displacement.
.....	Photo graphic lineament lacking geomorphic or geologic evidence of Quaternary displacement.

\*\*\*\*\* Laminar-carbonate bearing soil developed on upper part of Tulare Formation in the Ortigalita Peak area (primarily Laguna Seca Ranch 7.5-minute quadrangle).

56 Local strike and dip of bedding.

### CORRELATION OF MAP UNITS

